

Title (en)  
Power window switch circuit

Title (de)  
Schaltkreis für elektrisches Fenster.

Title (fr)  
Circuit de commutation de vitre électrique

Publication  
**EP 2309088 A3 20110525 (EN)**

Application  
**EP 11151572 A 20000801**

Priority  
• EP 00949933 A 20000801  
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Abstract (en)  
[origin: EP1207261A1] A power window switch circuit, even if soaked, prevents windows from opening or closing unintentionally. A DOWN switch (128) and an UP switch (129) each include a first fixed contact (DN1, UP1) connected with a power supply, a second fixed contact (DN2, UP2) grounded, and movable contacts (131, 132, 133, 134) for selectively connects either the first or second fixed contact with the first terminal of corresponding relay coils (21, 23). A transistor (TR4) responsive to a soak signal is connected between the ground and the second fixed contacts (DN2, UP2) of the UP and DOWN switches. The second terminals of the first and second relay coils are grounded through their respective transistors. When a soak is detected, a soak detector (15) supplies a soak signal to the transistors. <IMAGE>

IPC 8 full level  
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Citation (search report)  
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• [A] EP 0889192 A2 19990107 - ALPS ELECTRIC CO LTD [JP], et al  
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• [A] GB 2051946 A 19810121 - PEUGEOT ACIERS ET OUTILLAGE

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